

Fig. 1

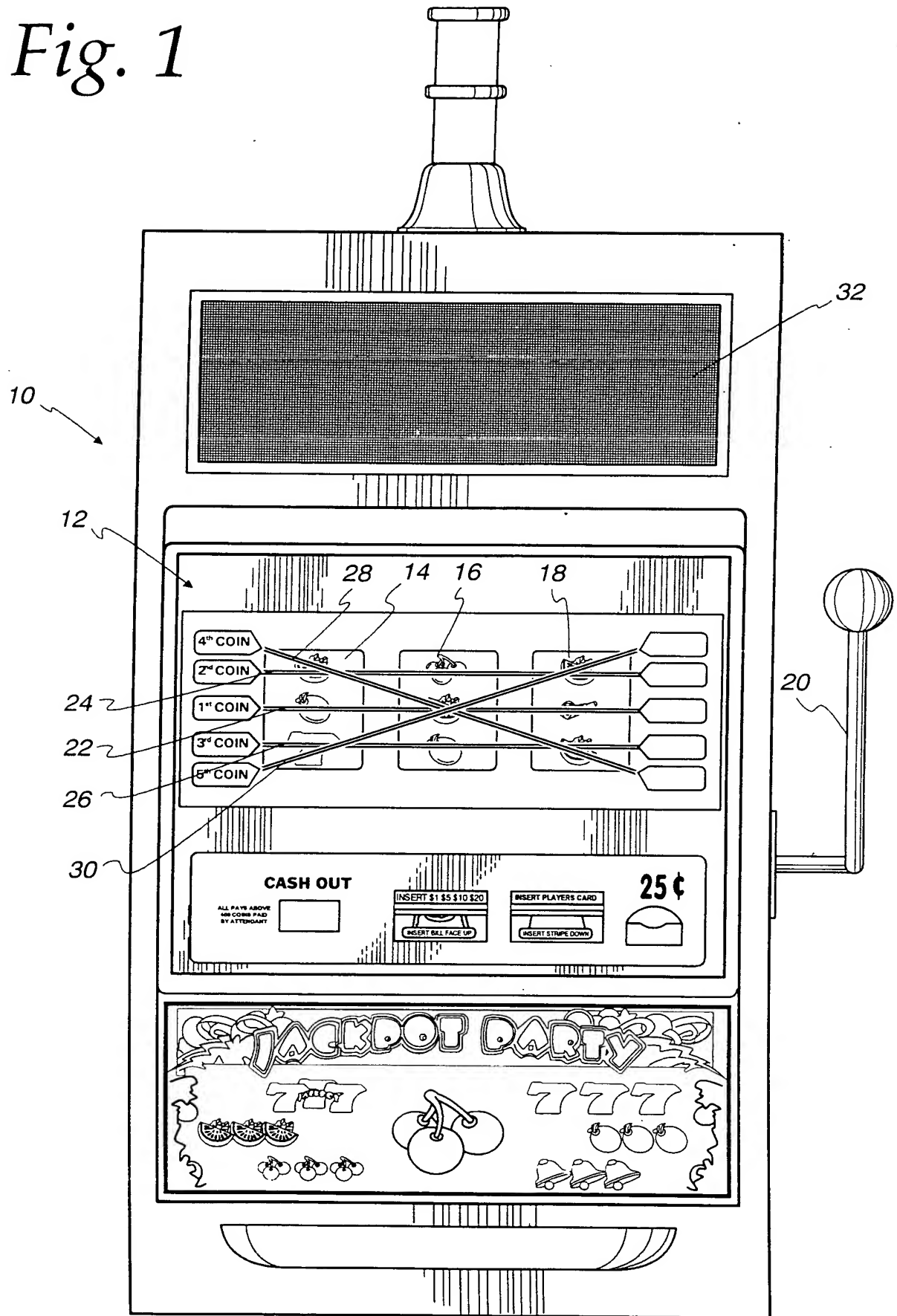


Fig. 2

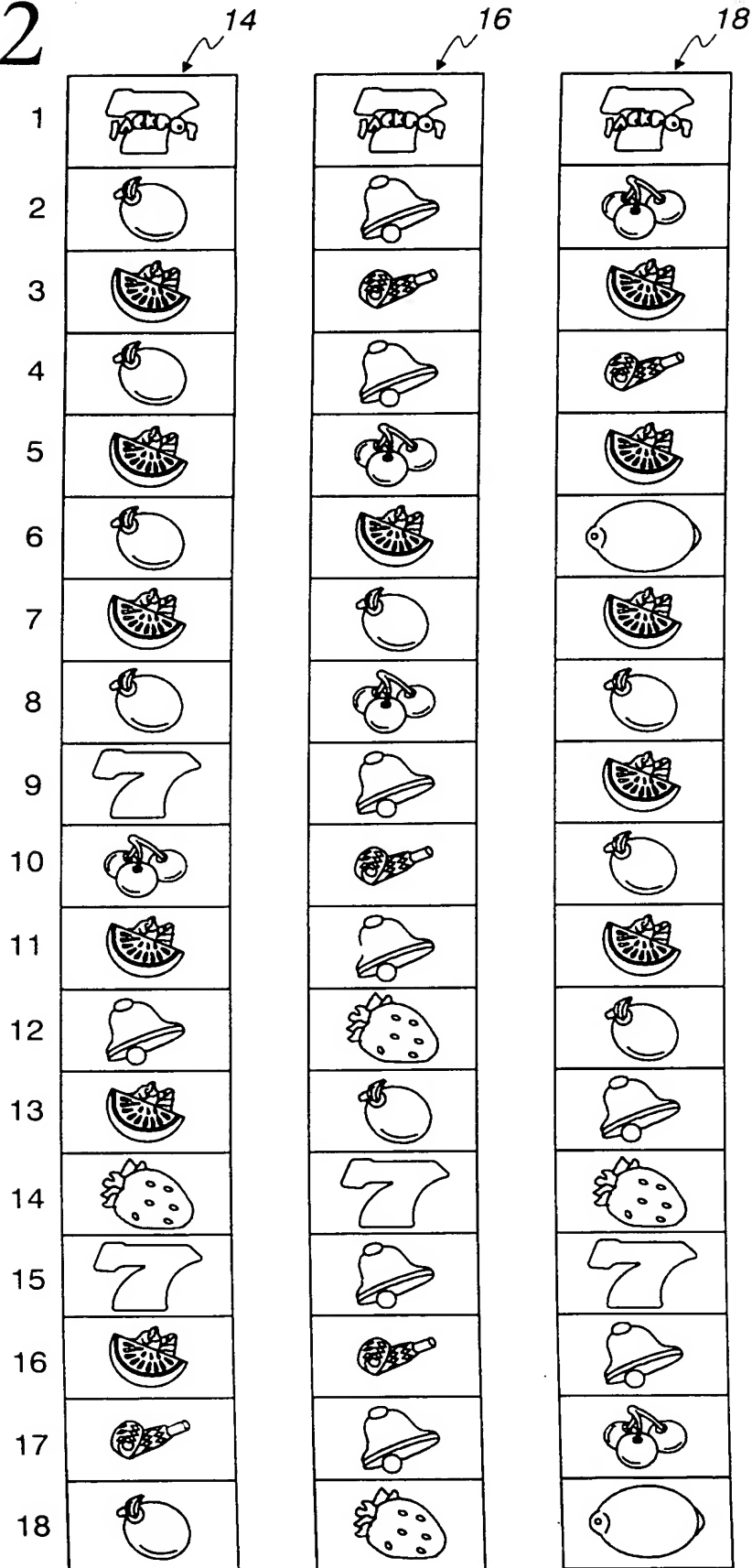



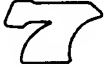
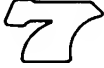
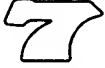

























Fig. 3

| | | | PAY LINE 1 | PAY LINE 2 | PAY LINE 3 | PAY LINE 4 | PAY LINE 5 |
|---|---|---|------------------|------------------|------------------|------------------|------------------|
|  |  |  | 100 | 200 | 300 | 400 | 1000 |
|  |  |  | 80 | 80 | 80 | 80 | 80 |
|  |  | | 40 | 40 | 40 | 40 | 40 |
|  |  |  | 30 | 30 | 30 | 30 | 30 |
|  |  |  | 20 | 20 | 20 | 20 | 20 |
|  |  |  | 20 | 20 | 20 | 20 | 20 |
|  |  |  | 15 | 15 | 15 | 15 | 15 |
|  |  |  | 10 | 10 | 10 | 10 | 10 |
|  |  | | 5 | 5 | 5 | 5 | 5 |
|  |  | | 5 | 5 | 5 | 5 | 5 |
| |  | | 2 | 2 | 2 | 2 | 2 |
| |  | | 2 | 2 | 2 | 2 | 2 |

MATH TABLE - 1 COIN "BASIC" GAME

| PAY COMBO | # PER REEL | | | HITS | PULLS/ HIT | PROBABILITY | PAYS | EXPECTED VALUE | TOTAL PAY | CONTRIBUTIO N |
|--------------|------------|----|----|------|---------------|-----------------|------|-------------------|--------------|------------------|
| CH --- | 1 | 16 | 18 | 288 | 20.25 | 0.049383 | 2 | 0.098766 | 576 | 0.172869 |
| ST --- | 1 | 16 | 18 | 288 | 20.25 | 0.049383 | 2 | 0.098766 | 576 | 0.172869 |
| CH CH -- | 1 | 2 | 16 | 32 | 182.25 | 0.005487 | 5 | 0.027435 | 160 | 0.048019 |
| ST ST -- | 1 | 2 | 17 | 34 | 171.5294 | 0.00583 | 5 | 0.02915 | 170 | 0.05102 |
| OR OR OR | 6 | 1 | 5 | 30 | 194.4 | 0.005144 | 10 | 0.05144 | 300 | 0.090036 |
| PL PL PL | 5 | 2 | 3 | 30 | 194.4 | 0.005144 | 15 | 0.07716 | 450 | 0.135054 |
| CH CH CH | 1 | 2 | 2 | 4 | 1458 | 0.000686 | 20 | 0.01372 | 80 | 0.02401 |
| ST ST ST | 1 | 2 | 1 | 2 | 2916 | 0.000343 | 20 | 0.00686 | 40 | 0.012005 |
| BE BE BE | 1 | 6 | 2 | 12 | 486 | 0.002058 | 30 | 0.06174 | 360 | 0.108043 |
| A7 A7 A7 | 3 | 2 | 2 | 9 | 648 | 0.001543 | 40 | 0.06172 | 360 | 0.108043 |
| B7 B7 B7 | 2 | 1 | 1 | 2 | 2916 | 0.000343 | 80 | 0.02744 | 160 | 0.048019 |
| J7 J7 J7 | 1 | 1 | 1 | 1 | 5832 | 0.000171 | 100 | 0.0171 | 100 | 0.030012 |
| TOTAL | | | | 732 | 7.97 | 0.1255 = 12.55% | | .57133 = 57.133% | 3332 | |

FIG. 4

PAYOUT SUMMARY - BASIC GAME ONLY

| COIN # | % PAYOUT | HIT % | TOTAL HITS | TOTAL COINS PAID |
|--------|----------|----------|------------|------------------|
| 1 | 57.13306 | 12.55144 | 732 | 3332 |
| 2 | 57.9904 | 25.10288 | 1464 | 6764 |
| 3 | 58.84774 | 37.65432 | 2196 | 10296 |
| 4 | 59.70508 | 50.20576 | 2928 | 13928 |
| 5 | 62.27709 | 62.7572 | 3660 | 18160 |

FIG. 5

MATH TABLE - "START-BONUS" COMBINATION (1 COIN GAME)

| PAY COMBO | # PER REEL | | HITS | PULLS/HIT | PROBABILITY | EXPECTED PAY | EXPECTED VALUE | EXPECTED TOTAL PAY |
|-------------------|------------|---|------|-----------|-------------|--------------|----------------|--------------------|
| FV FV FV | 3 | 9 | 3 | 81 | 72 | 0.013889 | 20.57152 | 0.2857 |
| J7 OR SL | 1 | 1 | 1 | 5832 | 0.000171 | 20.57152 | 0.00352 | 1666.293 |
| BOTH COMBINATIONS | | | 82 | 71.12195 | 0.01406 | 20.57152 | 0.2892 | 20.57152 |
| | | | | | | | | 1686.865 |

FIG. 6

PAYOUT SUMMARY - BONUS FEATURE INCLUDED WITH BASE GAME

| COIN # | % PAYOUT | HIT % | TOTAL HITS | TOTAL COINS PAID | NORMALIZED AVERAGE BONUS |
|--------|----------|----------|---------------|---------------------|-----------------------------|
| 1 | 86.05732 | 13.95748 | 814 | 5018.863 | 20.5715 |
| 2 | 86.11125 | 26.50892 | 1546 | 10044.02 | 20.0001 |
| 3 | 86.16518 | 39.06036 | 2278 | 15075.46 | 19.4287 |
| 4 | 86.01819 | 51.6118 | 3010 | 20066.32 | 18.7144 |
| 5 | 86.17998 | 64.16324 | 3742 | 25130.08 | 17.0002 |

FIG. 7

Fig. 8

| | | | | | |
|------------|------------|------------|------------|------------|------------|
| <u>101</u> | <u>106</u> | <u>111</u> | <u>116</u> | <u>121</u> | <u>126</u> |
| <u>102</u> | <u>107</u> | <u>112</u> | <u>117</u> | <u>122</u> | <u>127</u> |
| <u>103</u> | <u>108</u> | <u>113</u> | <u>118</u> | <u>123</u> | <u>128</u> |
| <u>104</u> | <u>109</u> | <u>114</u> | <u>119</u> | <u>124</u> | <u>129</u> |
| <u>105</u> | <u>110</u> | <u>115</u> | <u>120</u> | <u>125</u> | <u>130</u> |

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Fig. 9

| | | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|----|-------------------------|
| PARTY POOPER | ⑩ | ④ | ⑤ | ②① | ③ |
| ① | ③ | ② | PARTY POOPER | ④ | ⑮ |
| ⑤ | PARTY POOPER | ⑤ | ⑮ | ② | ⑤ |
| ⑤ | ⑤ | PARTY POOPER | ① | ⑤ | ⑩ |
| PARTY POOPER | ② | ③ | ⑤ | ② | PARTY POOPER |

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NON-END-BONUS WINDOW VALUES (NORMALIZED)

| WINDOW # | 1 CN VAL | 2 CN VAL | 3 CN VAL | 4 CN VAL | 5 CN VAL |
|----------------------------------|----------|----------|----------|----------|----------|
| 0 | 1 | 1 | 1 | 1 | 1 |
| 1 | 5 | 5 | 5 | 5 | 2 |
| 2 | 3 | 3 | 3 | 3 | 3 |
| 3 | 4 | 4 | 4 | 4 | 4 |
| 4 | 5 | 3 | 2 | 2 | 2 |
| 5 | 5 | 5 | 5 | 2 | 2 |
| 6 | 5 | 5 | 5 | 5 | 4 |
| 7 | 4 | 4 | 5 | 5 | 5 |
| 8 | 2 | 3 | 2 | 4 | 3 |
| 9 | 3 | 2 | 2 | 2 | 2 |
| 10 | 5 | 5 | 5 | 5 | 10 |
| 11 | 10 | 10 | 10 | 10 | 10 |
| 12 | 15 | 15 | 15 | 15 | 15 |
| 13 | 20 | 20 | 20 | 20 | 20 |
| 14 | 1 | 1 | 1 | 1 | 1 |
| 15 | 5 | 5 | 5 | 5 | 5 |
| 16 | 2 | 2 | 2 | 2 | 2 |
| 17 | 10 | 10 | 10 | 10 | 3 |
| 18 | 15 | 15 | 10 | 10 | 5 |
| 19 | 5 | 4 | 5 | 2 | 2 |
| 20 | 3 | 2 | 3 | 2 | 2 |
| 21 | 2 | 2 | 2 | 2 | 2 |
| 22 | 2 | 2 | 2 | 2 | 2 |
| 23 | 5 | 5 | 5 | 5 | 5 |
| Total from non-end-bonus windows | 137 | 133 | 129 | 124 | 112 |
| Average non-end-bonus | 5.70833 | 5.541667 | 5.375 | 5.166667 | 4.666667 |

FIG. 10

BONUS GAME OUTCOME SUMMARY

| CHOICE | % END | % SAFE | PAYS | EV CALCULATION |
|--|----------|----------|----------|-------------------|
| 0 | 0.2 | 1.0 | 1 | 1 |
| 1 | 0.165517 | 0.8 | 6.70833 | 5.566664 |
| 2 | 0.135961 | 0.634483 | 12.41666 | 9.188501 |
| 3 | 0.110783 | 0.498522 | 18.12499 | 12.03423 |
| 4 | 0.089478 | 0.387739 | 23.83332 | 14.24757 |
| 5 | 0.071583 | 0.298261 | 29.54165 | 15.95015 |
| 6 | 0.05667 | 0.226678 | 35.24998 | 17.2441 |
| 7 | 0.04435 | 0.170009 | 40.95831 | 18.21457 |
| 8 | 0.034271 | 0.125659 | 46.66664 | 18.93187 |
| 9 | 0.026111 | 0.091388 | 52.37497 | 19.45354 |
| 10 | 0.019583 | 0.065277 | 58.0833 | 19.82617 |
| 11 | 0.01443 | 0.045694 | 63.79163 | 20.08701 |
| 12 | 0.010421 | 0.031264 | 69.49996 | 20.26547 |
| 13 | 0.007356 | 0.020843 | 75.20829 | 20.38445 |
| 14 | 0.005057 | 0.013487 | 80.91662 | 20.46144 |
| 15 | 0.003372 | 0.008429 | 86.62495 | 20.50955 |
| 16 | 0.002167 | 0.005057 | 92.33328 | 20.53842 |
| 17 | 0.001334 | 0.00289 | 98.04161 | 20.55492 |
| 18 | 0.000778 | 0.001556 | 103.7499 | 20.5638 |
| 19 | 0.000424 | 0.000778 | 109.4583 | 20.56824 |
| 20 | 0.000212 | 0.000354 | 115.1666 | 20.57026 |
| 21 | 9.43E-05 | 0.000141 | 120.8749 | 20.57107 |
| 22 | 3.54E-05 | 4.72E-05 | 126.5833 | 20.57134 |
| 23 | 1.01E-05 | 1.18E-05 | 132.2916 | 20.57141 |
| 24 | 1.68E-06 | 1.68E-06 | 200 | 20.57152 |
| EXPECTED VALUE FOR 1 COIN BONUS GAME: 20.57152 | | | | |

FIG. 11

Fig. 12

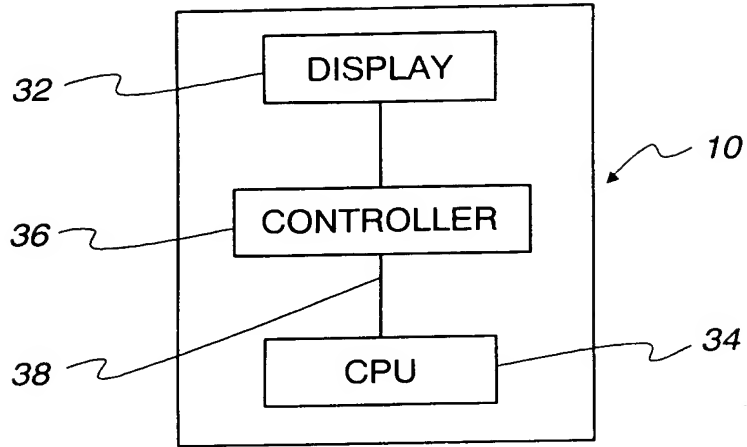
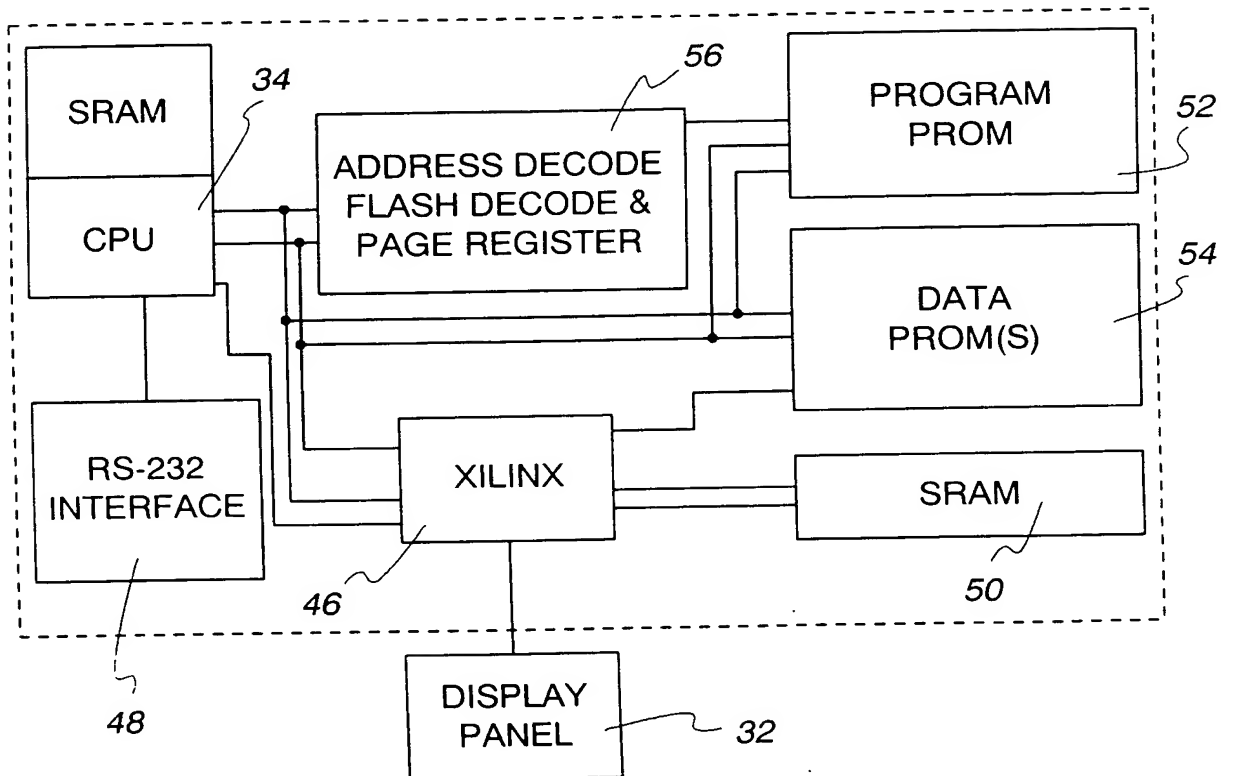


Fig. 13



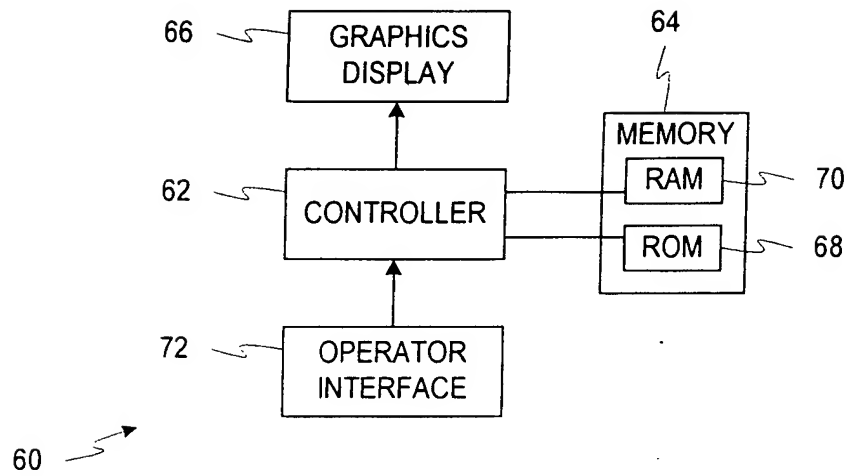


FIG. 14

Fig. 15

